

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
8 July 2004 (08.07.2004)

PCT

(10) International Publication Number
WO 2004/056537 A3

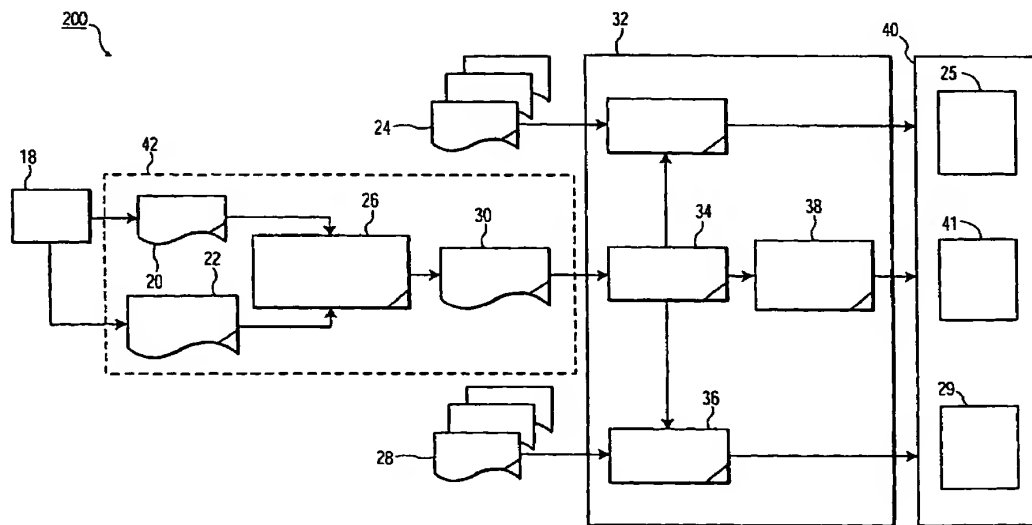
- (51) International Patent Classification⁷: A63H 11/00, G06N 3/00, B62D 57/00
- (21) International Application Number: PCT/IB2003/005646
- (22) International Filing Date: 4 December 2003 (04.12.2003)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data: 60/434,549 19 December 2002 (19.12.2002) US
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- (81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (regional): ARIPO patent (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Declaration under Rule 4.17:

— as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii)) for the following designations AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH,

[Continued on next page]

(54) Title: SYSTEM AND METHOD FOR CONTROLLING A ROBOT



(57) Abstract: The present invention is directed to a computer-implemented system and method for controlling robots (41) using a high-level programming language. The invention defines three programming languages, i.e., two high-level languages and a low-level language. A first high-level programming language is referred to herein as a robot scenario language (RSL) (20), in which an end-user (18) creates a robotic presentation (40) in terms of high-level behaviors or actions. A second high-level language, referred to herein as a robot behavior language (RBL) comprised of templates for describing how each high level behavior or action in the high-level (RSL) language is to be transformed or mapped into low-level language commands for directly controlling the hardware of the robot (41). The low-level language referred to herein as a robot hardware language (RHWL).

WO 2004/056537 A3



CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW, ARIPO patent (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK,

EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG)

Published:

— with international search report

(88) Date of publication of the international search report:

21 October 2004

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

INTERNATIONAL SEARCH REPORT

In International Application No.

IPC/IB 03/05646

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 A63H11/00 G06N3/00 B62D57/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G05B B25J G06N A63H B62D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

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X	<p>WO 02/29715 A (ANNAPOORNA NAYAK PANGAL ; KENT RIDGE DIGITAL LABS (SG); SITIRAM RANGAN) 11 April 2002 (2002-04-11)</p> <p>page 1, lines 11-26 page 2, lines 7-18 page 8, lines 31-34 page 9, line 5 - page 10, line 17 page 11, line 18 - page 13, line 30 page 16, line 11 - page 19, line 15 figure 2; table 5</p> <p style="text-align: center;">-/-</p>	1-15

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& document member of the same patent family

Date of the actual completion of the international search

5 July 2004

Date of mailing of the international search report

22/07/2004

Address and mailing address of the ISA

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INTERNATIONAL SEARCH REPORT

In International Application No.

PCT/JP 03/05646

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Inventor's Application No.

Patent No. 03/05646

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